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INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO.	SEI	RIAL NO.				
		25636-703 09/603,658						
	PTO-1449		APPLICANT Li Zhu et al.					
			FILING DATE 06/23/00	GR	OUP 1645			
		U.	S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILIN	IG DATE	
11	4,946,778	8/7/90	Ladner et al.'	435	69,6			
	5,283,173	2/1/94	Fields et al.	435	6	 		
	5,525,490	6/11/96	Erickson et al.	435	29	 -		
	5,767,260	6/16/98	Whitlow et al.	536	23.4	1		
	5,811,238	9/22/98	Stemmer et al.	435	6	<u> </u>		
	5,863,765	1/26/99	Berry et al.	435	69.1			
	5,869,250	2/9/99	Cheng et al.	435	6	 		
	5,888,773	3/30/99	Jost et al.	435	69.6			
	5,922,545	7/13/99	Mattheakis et al.	435	6			
	5,928,868	7/27/99	Liu et al.	435	6	 	·	
	5,955,275	9/21/99	Kamb	435	6	-		
	5,962,255	10/5/99	Griffiths et al.	435	69.1		· ·-	
TA	6,072,036	6/6/00	Marasco et al.	530	387.3			
		FOR	EIGN PATENT DOCUMENTS	3				
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	TRANSLATION	
INITIALS						YES	NO	
TA	WO 99/53049	10/21/99	PCT WIPO	CHON	15/10			
	OTHER DO	CUMENTS (Including Author, Title, Date, I	Pertinent Pa	ges, Etc.)		<u>,ı</u>	
	Fields et al., "A Vol. 340; July 2	Novel Genetic 0, 1989	System To Detect Protein-Prote	in Interaction	s", LETTERS	TO NAT	URE,	
TH	Finley R.L. et a Cycle Regulator	l., "Interaction rs", PROC. NA	Mating Reveals Binary and Tern TL. ACAD. SCI, USA; Vol. 91,	ary Connecti pp. 12980-13	ons Between D 2984, Decembe	rosophila r 1994	a Cell	
1		Synapse Struct	ure: Glutamate Receptors Connec				LOGY,	
4	Lecrenier, N., e	t ai. "Two-Hyb	orid Systematic Screening of the	Yeast Proteor	ne"BIOESSAY	S, Vol. 2	20.1	
JA	Fromont-Racine	, M. et al., " T	oward A Functional Analysis of ENETICS, Vol. 16, July 1997					
EXAMINER	Home An	cend	DATE CONSIDERED	2/26/67	and 3/16/8	7		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 2 OF 4 ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE CITATION 25636-703 09/603,658 APPLICANT Li Zhu et al. PTO-1449 **FILING DATE 06/23/00 GROUP 1645** OTHER DOCUMENTS Chen, CM. et al., "Direct Interaction of Hepatitis C Virus Core Protein With the Cellular Lymphotoxin-B Receptor Modulates the Signal Pathway of the Lymphotoxin-B Receptor" JOURNAL OF BIOCHEMISTRY, Vol. 71, No. 12; August 1997 Cha, JH, et al., "Cell Surface Monkey CD9 Antigen Is a Coreceptor That Increases Diphtheria Toxin Sensitivity and Diphtheria Toxin Receptor Affinity", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 275, No. 10; March 10, 1999. Shoji, H. et al., "Identification and Characterization of a PDZ Protein That Interacts With Activin Type II Receptors", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 275, No. 8; February 25, 1999 Puga, A. et al., "Aromatic Hydrocarbon Receptor Interaction With the Retinoblastoma Protein Potentiates Repression of E2F-Dependant Transcription and Cell Cycle Arrest", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 275, No. 4; January 28, 2000 Lezcano, N. et al., "Dual Signaling Regulated By Calcyon, a D1 Dopamine Receptor Interacting Protein" SCIENCE MAGAZINE, Vol. 287; March 3, 2000 Garcia, R.A.G. et al., "The Neuregulin Receptor ErbB-4 Interacts With PDZ-containing Proteins at Neuronal Synapses", NATIONAL INSTITUTE OF HEALTH, Vol. 97, No. 7; March 28, 2000 Biotechniques, "Variable Region Sequence Modulates Periplasmic Export of a Single-Chain Fv Antibody Fragment In Escherichia Coli", BIOTECH NET, short technical reports, Vol. 18, No. 5; 1995 Pluckthun, A.; "Antibody Engineering: Advances From the Use Of Escherichia Coli Expression Systems", BIOTECHNOLOGY, Vol. 9; June 1991 BioTechniques; "Purification And Application of a Single-Chain Fv Antibody Fragment Specific to Hepititis B Virus Surface Antigen", BIOTECH NET, short technical report; Vol. 19, No. 4; 1995 Worn, A. et al., "An Intrinsically Stable Antibody scFv Fragment Can Tolerate The Loss of Both Disulfide Bonds and Fold Correctly", FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES, febs letters 427, pp. 357-361; 1998 Mimran, A. et al., "GCN4-Based Expression System (pGES): Transationally Regulated Yeast Expression Vectors", BIOTECHNIQUES, research report; Vol. 28, No. 3; 2000 Castelli, L.A. et al.; "High-Level Secretion of Correctily Processed B-Lactamase From Saccharomyces Ceravisiae Using A High-Copy-Number Secretion Vector", BIOMOLECULAR RESEARCH INSTITUTE. Vol. 142, pp. 113-117; 1994 Little, M. et al., "Generation of a Large Complex Antibody Library From Multiple Donors", JOURNAL OF IMMUNOLOGICAL METHODS, Vol. 231, pp. 3-9; 1999 Sblattero, D. et al., "A Definitive Set of Oligonucleotide Primers For Amplifying Human V Regions", IMMUNOTECHNOLOGY, Vol. 3, pp. 271-278; 1998 Lake, D.F. et al., "Generation of Diverse Single-Chain Proteins Using A Universal (Gly4-Ser)3 Encoding Oligonucleotide", BIOTECHNIQUE, Vol. 19, No. 5; 1995

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

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EXAMINER

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INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO.	SERIAL NO.			
		25636-703	09/603,658			
		APPLICANT Li Zhu et al.				
		FILING DATE 06/23/00 GROUP 1645				
		OTHER DOCUMENTS				
Th	Tavladoraki, P. et al., "Trans Specifically Protected From	genic Plants Expressing A Function Virus Attack", LETTERS TO NAT	nai Single-Chain Fv Antibody are URE, Vol. 366; December 2, 1993			
	Bradbury, A. "Recent Advar IMMUNOTECHNOLOGY,	nces In Phage Display: The Report of Vol. 3, pp. 227-231; 1997	of the Phage Club first Meeting",			
	Sblattero, D. et al., "Exploiti Libraries", NATURE BIOTI	ng Recombination in Single Bacteri ECHNOLOGY, Vol. 18; January 20	a To Make Large Phage Antibody 00			
	Marzari, R. et al., "Extending Binding Domain", GENE, V	g Filamentous Phage Host Range By ol. 185, pp. 27-33; 1997	y The Grafting of a Heterologous Receptor			
	Allen, J.B. et al., "Finding Pind A Match", TIBS 20, rev	rospective Partners In The Library: views; December 1995	The Two-Hybrid System and Phage Displa			
		g Human Consensus Antibodies WinD OF CONTRA COSTA; pp. 5973				
			nbination of Immunoglobin Heavy and ROTEIN DESIGN LABS, Vol. 72, pp. 59-			
		splay System for Detection of T Cel OGY, Vol. 32, No. 1718, pp. 1387-				
		Display Shot-Gun Cloning of Ligan 6 Correct Clones", BIOTECHNIQU	d-Binding Domains of Prokaryotic ES, Vol. 20, pp. 1070-1081; June 1996			
		election of sFv From Phage Display HODS, Vol. 239, pp. 137-151; 2000				
	Pasqualini, R. et al., "Organ NATURE, Vol. 380, March	"Organ Targeting In Vivo Using Phage Display Peptide Libraries", LETTERS TO March 28, 1996				
		ting Improved Single-Chain Fv Mol ETHODS, Vol. 23, pp. 249-260; 19	ecules For Tumor Targeting", JOURNAL			
	Boder, E.T. et al., "Yeast St CHEMICAL ENGINEERIN		inatorial Polypeptide Libraries", DEPT. OF			
		tracellular and Cell Surface Display HODS, Vol. 226, pp. 179-188; 1999	ved Single-Chain Diabodies", JOURNAL (
OP	Fan, Z et al., "Therapeutic A IN ONCOLOGY, Vol. 10, 1		Receptor Antibodies", CURRENT OPINIO			
			., ., ., 			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 4 OF 4 ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE **CITATION** 25636-703 09/603,658 APPLICANT Li Zhu et al. PTO-1449 FILING DATE 06/23/00 **GROUP 1645** OTHER DOCUMENTS Cochet, O. et al., "Intracellular Expression Of An Antibody Fragment-Neutralizing p21 Ras Promotes Tumor Regression", CANCER RESEARCH, Vol. 58, pp. 1170-1176; March 15, 1998 Weiner, L. M., "Monoclonal Antibody Therapy Of Cancer", DEPT. OF MEDICAL ONCOLOGY, Vol. 25, No. 3: October 1999 Vaswani, S. K. et al., "Humanized Antibodies as Potential Therapeutic Drugs", ANNALS OF ALLERGY, ASTHMA & IMMUNOLOGY, Vol. 81, August 1998 Conf. Of Molecular Library Technologies at the Millenium, "Molecular Library Technologies at the Millenium", MEETING REPORT, October 1999 Bradbury, A., "Display Technologies Expand Their Horizons", MEETING REPORT, June 1998 Portner-Taliana, A. et al., "In Vivo Selection of Single-Chain Antibodies Using A Yeast Two-Hybrid System", JOURNAL OF IMMUNOLOGICAL METHODS, Vol. 238, pp. 161-172; 2000 Jaeger, G.D. et al., "Analysis of the Interaction Between Single-Chain Variable Fragment s and Their Antigen In a Reducing introellular Environment Using The Two-Hybrid System.", FEBS LETTERS, Vol. 467, pp. 316-320; 2000 Visintin, M. et al., "Selection of Antibodies For Intracellular Function Using A Two-Hybrid In Vivo System", BIOCHEMISTRY, Vol. 96, No. 21, pp. 11723-11728; October 12, 1999 Raymond, C.K. et al., "General Method For Plasmid Construction Using Homologous Recombination", BIOTECHNIQUES, Vol. 26, No. 1; 1996 Mezard, C. et al., "Recombination Between Similar But Not Identical DNA Sequences During Yeast Transformation Occurs Within Short Stretches of Identity", INSTITUTE OF MICROBIOLOGY (FRANCE), Vol. 70, pp. 659-670, August 21, 1992 Fusco, C. et al., "In Vivo Construction of cDNA Libraries For Use In the Yeast Two-Hybrid System", YEAST, Vol. 15, pp. 715-720; 1999 Oldenburd, K.R. et al., "Recombination-Mediated PCR-Directed Plasmid Construction In Vivo in Yeast". NUCLEIC ACIDS RESEARCH, Vol. 25, No. 2; pp. 451-452; 1997 Hua, SB et al., "Construction of A Modular Yeast Two-Hybrid cDNA Library From Human EST Clones For the Human Genome Protein Linkage Map", INTERNATIONAL JOURNAL OF GENES, Vol. 215, pp. 143-152; 1998 Hua, SB et al, "Minimum Length Sequence Homology Required For In Vivo Cloning By Homologous Recombination In Yeast", CLONTECH, Vol. 38, pp. 91-96; 1997

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

EXAMINER